

**COMBINED DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **HIGH SPEED PARALLEL MOLECULAR NUCLEIC ACID SEQUENCING**, the specification of which

- ☐ is attached hereto.
- ☐ was filed on \_\_\_\_\_ as United States Patent Application No. \_\_\_\_\_.
- ☒ was described and claimed in PCT International Application No. PCT/US00/23736, filed on August 29, 2000, and as amended under PCT Articles 19 on n/a (if applicable).
- ☐ and was amended on \_\_\_\_\_ (if applicable).
- ☐ with amendments through \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56. If this is a continuation-in-part application filed under the conditions specified in 35 U.S.C. § 120 which discloses claims and subject matter in addition to that disclosed in the prior copending application, I further acknowledge the duty to disclose material information as defined in 37 C.F.R. § 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the applications(s) on which priority is claimed:

_____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>
Number	Country	Day/Month/Year Filed	Yes	No

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

<u>60/151,580</u>	<u>30 August 1999</u>
Application Number	Filing Date

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) or § 365(c) of any PCT international application(s) designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

PCT/US00/23736	29 August 2000	Pending
Application Number	Filing Date	Status: patented, pending abandoned

I hereby appoint the practitioners associated with the customer number provided below to prosecute this application, to file a corresponding international application, and to transact all business in the Patent and Trademark Office connected therewith:

Customer Number

**24197**

Klarquist Sparkman

Name	Reg. No.	Name	Reg. No.
BUNKER, Gillian	47,461	ORR, David E.	44,988
BURG, Daniel B.	41,649	PETERSEN, David P.	28,106
CALDWELL, Lisa M.	41,653	POLLEY, Richard J.	28,107
CARLSON, Anne	47,472	RINEHART, Kyle B.	47,027
GIRARD, Michael P.	38,467	RUPERT, Wayne W.	34,420
HAENDLER, Jeffrey B.	43,652	RYBAK, Sheree L.	47,913
HARDING, Tanya M.	42,630	SCOTTI, Robert F.	39,830
JAKUBEK, Joseph T.	34,190	SIEGEL, Susan Alpert	43,121
JONCUS, Stephen J.	44,809	SLATER, Stacey C.	36,011
JONES, Michael D.	41,879	STEPHENS Jr., Donald L.	34,022
KLARQUIST, Kenneth S.	16,445	STUART, John W.	24,540
KLITZKE II, Ramon A.	30,188	VANDENBERG, John D.	31,312
LEIGH, James S.	20,434	WHINSTON, Arthur L.	19,155
MC LEOD, Richard D.	46,921	WIGHT, Stephen A.	37,759
MAURER, Gregory L.	43,781	WINN, Garth A.	33,220
MIRHO, Charles A.	41,199	ZASTROW, Devon J.	50,206
NOONAN, William D.	30,878		

I hereby grant the law firm of Klarquist Sparkman, LLP, the power to insert on this Combined Declaration and Power of Attorney any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for submitting this document.

Address all telephone calls to Sheree Lynn Rybak, Ph.D. at telephone number (503) 226-7391.

Address all correspondence to the address associated with the customer number provided below:

Customer Number

**24197**

Klarquist Sparkman

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

<b>Name of First or Sole Inventor:</b> Thomas D. Schneider	
<b>Residence:</b>	Frederick, Maryland
<b>Mailing Address:</b>	107 Alessandra Court, No. 208 Frederick, MD 21702-4015
<b>Citizenship:</b>	United States of America
<b>Inventor's Signature</b> _____	<b>Date</b> _____

<b>Name of Second Inventor:</b> Denise Rubens	
<b>Residence:</b>	Rocky Ridge, Maryland
<b>Mailing Address:</b>	13815 Motters Station Road Rocky Ridge, MD 21778
<b>Citizenship:</b>	United States of America
<b>Inventor's Signature</b> <u>Denise Rubens</u>	<b>Date</b> <u>March 4, 2002</u>

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**Name of First or Sole Inventor:** Thomas D. Schneider

**Residence:** Frederick, Maryland

**Mailing Address:** 107 Alessandra Court, No. 208  
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**Citizenship:** United States of America

**Inventor's Signature** Thomas D. Schneider

**Date** 2002 Feb 25

**Name of Second Inventor:** Denise Rubens

**Residence:** Rocky Ridge, Maryland

**Mailing Address:** 13815 Motters Station Road  
Rocky Ridge, MD 21778

**Citizenship:** United States of America

**Inventor's Signature** \_\_\_\_\_

**Date** \_\_\_\_\_